

MNB28G-16EG-MNB**Managed 16*1000Base T(X) port Ethernet Switch 16 port GE Access Switch**

- 16* 10/100/1000Base T(X) Ethernet ports
- Support Ethernet redundant Ring protocol(recovery times≤ 20ms)
- Wire speed forwarding capability of all ports make sure of non-blocking message forwarding.
- Support 802.1x authentication, VLAN, and broadcast storm suppression.
- Support IEEE/802.3x full duplex flow control and Backpressure half duplex flow control.
- Loop detection and Port+ IP+MAC binding.
- Port traffic monitoring and fault event alarming
- Support WEB visual interface, support SNMP management.
- Automatic MDI/MDI-X crossover for plug-and-play
- Overload protection and power reverse polarity protection.
- Full-loaded operating temperature range -20 to 70℃.
- 19" 1U Rack Mount installation

Introduction

HENGSION managed MNB28G-16E-MNB provides 16*10/100/1000BaseT(X) Ethernet ports. No fan, low power consumption design; Support Ethernet redundant Ring protocol(recovery time<20ms), with complete security and QoS policies; Support VLAN division, port mirroring, and port rate limiting; Support broadcast storm suppression, flow control, and centralized management and configuration by WEB,CLI,SNMP.

MNB28G-16EG-MNB Series has a wealth of operational features which can meet user's networking requirements of multi-service integration, security, scalability and manageability. Its wide operating temperature range and port surge protection design are ideal for application in large flow real-time outdoor environment, and are widely used for occasions including enterprise, intelligent building, cafe, community access or gathering etc., and for industries like finance, education and government etc.

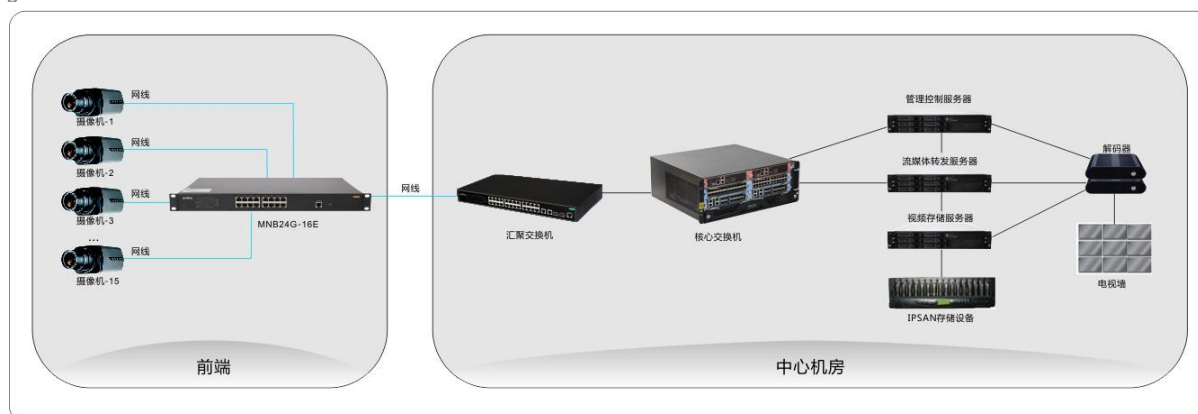
Specification

Managed Ethernet Switch

Technology	
Standards	IEEE 802.3,802.3u,802.3x, 802.3ab, 802.3z; IEEE802.1Q,802.1p,802.1D,802.1w,802.1s,802.1X,802.1ab
Protocols	Ring, MSTP, IGMP Snooping, GMRP,VLAN,PVLAN, Telnet, HTTP, HTTPS, RMON,SNMPv1/v2/v3,LLDP,SNTP,DHCP server,SSH,SSL,ACL,FTP,ARP,QoS
Interface	
Gigabit Ethernet port	10/100/1000Base-TX auto-adaptive RJ45
Console port	RS232 in RJ45 connector with console cable
Power port	100-240VAC @ 5VDC Power plug
Switching Features	
Processing Type	Store & forward, wire speed switching
Switching bandwidth	50Gbps
Packet forwarding speed	37.2Mpps
MAC Address	8K
Buffer Memory	512Kb
Priority Queue	4
VLAN number	4K
VLAN ID	1-4096
Multicast groups	256
Software Features	
VLAN	802.1Q,Vlan(4K), Port-based VLAN, Q-in-Q
Storm Suppression	Broadcast, multicast, and unknown unicast storm suppression
Flow control	IEEE802.3X negotiation, CAR function, rate limiting step 64K
Multicast protocol	IGMPv1/2/3 Snooping
Port Management	Support port mirroring, port isolation, port trunking
DHCP Management	Support DHCP Snooping, option 82
QoS (Quality of Service)	802.1p; Support port default priority tags, at least 4 different priority queues per port
Security features	MAC address filtering, dynamic or static MAC address learning, Loop detection and Port+ IP+MAC binding
Traffic Management	Port traffic monitoring and fault event alarming
Management	SNMP v1/v2/v3, CLI,WEB
Management Access	Support Console, Telnet
System Maintenance	RMON,PDP Discovery Protocol(CDP compliant),AST
File transfer	Support Log output, configuration file backup and input
LED Indicator for	
Power, Device running status, Ethernet port connection & running status, Fiber port connection & running status	
Power	
Input Voltage Range	100-240VAC
Idle Consumption	2.3A@5VDC(Max)
Full -load Consumption	3.78A@5VDC(Max)
Connection	Power plug

Protection	Overload Current Protection
Mechanical	
Casing	19" 1U metal casing
Protection grade	IP30
Dimension(L*W*H)	440*225*44mm
Installation	1U Rack Mount
Weight	3.05Kg
Environmental	
Operating Temperature	-20℃~+70℃
Storage Temperature	-40℃~+85℃
Relative Humidity	5~95%,non-condensing
Warranty	
Warranty Period	2 years

Connection Topology



Ordering Information

Available Models	Port Interface	
	1000Base Combo	10/100/1000Base T(X)
MNB28G-16EG-MNB	0	16

Package Checklist

- Ethernet switch
- Power wire unit
- Hardware installation guide(printed)
- Warranty Card

Dimension

MNB28G-16E-MNB

